



March 21, 2018

To: All Potential Respondents
From: Kelli Sizenbach, Purchasing Agent
Subject: RFP1418285056

Addendum One

Please amend the subject RFP to include answers to the following timely received questions:

- Q1. Please define the configuration of each transmitter site:
- a. Number of transmitters
 - b. Make & model

- A1. a. Number of Transmitters – 15
b. Make and Model

Harris Platinum	PTCD22P3i (x1)
Harris Platinum	PTCD40P4i (x1)
Harris Diamond	DHD45P2 (x2)
Harris Diamond	DHD60P2 (x2)
Harris Diamond	DHD90P3 (x3)
Axcera Visionary	HP25SDW (x4)
Axcera Visionary	HP50DDW (x2)

- Q2. Confirm the datapoints desired for the service to monitor:
- a. Forward Power,
 - b. Reflective Power,
 - c. Coolant Temperature
 - d. Heat Exchange Temperature
 - e. Room Temperature
 - f. Utility Power
 - g. Generator On / Off
 - h. Facility Power Input
 - i. Building Alarm
 - i. Door openings
 - ii. Fire or smoke
 - j. Tower Lights
 - k. Fuel levels

A2. VHF Sites

- a. Engineer On-Site
- b. Building Intrusion
- c. Building Fire/Smoke
- d. Forward Power
- e. Reflected Power
- f. Exciter B On-Line
- g. Transmission Line Pressure Alarm
- h. Tower Lights On
- i. Tower Light Controller Fault
- j. Beacon Failure
- k. Air Conditioning Fault
- l. Transmitter Room Temp. Alarm
- m. Control Room Temp. Alarm
- n. STL Backup On-Line
- o. STL Fault
- p. Module Fault
- q. Power Supply Fault
- r. Generator Running
- s. Generator On-Line
- t. Generator Fault
- u. Utility Power Failure

UHF Sites

- a. Engineer On-Site
- b. Building Intrusion
- c. Building Fire/Smoke
- d. Main Xmtr Forward Power
- e. Main Xmtr Reflected Power
- f. Main Xmtr Fault
- g. Backup Xmtr Forward Power
- h. Backup Xmtr Reflected Power
- i. Backup Xmtr Fault
- j. Backup Xmtr On-Line
- k. Transmission Line Pressure Alarm
- l. Tower Lights On
- m. Tower Light Controller Fault
- n. Beacon Failure
- o. Air Conditioning Fault
- p. Building 1 Room Temp. Alarm
- q. Building 2 Room Temp. Alarm
- r. STL Backup On-Line
- s. STL Fault
- t. Generator Running
- u. Generator On-line
- v. Generator Fault
- w. Utility Power Failure

Q3. What is the make and model number of the Burke system at each transmitter site.

A3. All sites use Burk Technology, ARC-16's.

Q4. Are any devices or alerts required from the Iowa PBS Studio site such as:

- a. EAS
- b. Weather
- c. Generator On/Off
- d. UPS

A4.

- a. EAS RMT & RWT - RMT's are passed thru / RWT's are randomly scheduled by the DasDec II and air as scheduled without intervention.
- b. Weather alerts come via WSI True Alert system. The operator triggers the crawl message. The text of the crawl is also converted to text-to-speech (TTS) for the secondary audio program (SAP) channel. The WSI weather system also handles the Amber Alert after the initial alert received by the DasDec II
- c. Currently there is a hardwired status panel for the generator in master control. Remote monitoring was an option that was not purchased when the generator was installed. We will have to look into seeing if that option is still available.
- d. The remote monitoring option was not purchased when the UPS was installed. The current flywheel based UPS is being evaluated for upgrade or replacement so remote monitoring will have to be considered in the future.

Q5. Are the translator sites desired to be monitored by PMM?

A5. Yes.

Q6. Are the translator sites currently interfacing with a monitoring system integrated with the Iowa PBS MCR Site?

A6. Yes. Burk Technology ARC-16

- a. Engineer On-Site
- b. Forward Power
- c. Reflected Power
- d. Transmitter Fault
- e. Transmission Line Pressure Alarm
- f. Tower Lights On
- g. Tower Light Controller Fault
- h. Beacon Failure
- i. Air Conditioning Fault
- j. Building Temp. Alarm
- k. Utility Power Failure

Q7. If applicable, please provide the make and model of the translator units for each site

A7. Axcera Innovator LU1500ATD (x4)
GatesAir Maxiva UAXTE-3 (x4)

Q8. Are there any special technology devices or facility concerns, which PMM is required to monitor at any given site – TX, translator or studio / MCR?

A8. None that haven't already been identified in the RFP or in response to this addendum.

Q9. How is the audio service distributed? Is this on an audio track on a video sub channel? Is it the expectation of IPTV that encoding is to be included in this service?

A9. The reading for the blind service is encoded as an audio only service as stream xx.99 with no associated video service. It is IPTV expectation that this service would be encoded by the JMC service provider in the same manner.

Please acknowledge receipt of this addendum by signing in the space provided below, and return this letter with your offer (do not send back separately).

I hereby acknowledge receipt of this addendum.

Signature

Date

Typed or Printed Name